

CURRICULUM VITAE

In my professional life, I try to choose paths which allow me to contribute to addressing one of the greatest challenges of our times: a societal transformation towards sustainability. Finality, values and meaning are at the core of my choices.

After graduating in particle physics and a first stimulating experience in industry in a start-up company (IBA) where I became VP Marketing and Sales, I decided to focus on environmental challenges. I completed a PhD in Ecological Economics and have been working on environmental issues and sustainability governance for the last two decades, focusing on environmental governance; science-policy interfaces; decision-making and policy formation under conditions of complexity; integration of natural and social sciences; environmental research strategies; sustainability strategies of corporations and business ethics.

Most of the research, teaching or consulting projects in which I am currently involved are European or international in scope. These days I mainly work in the areas of biodiversity governance, precaution and innovation, nuclear governance in a post-Fukushima world and business sustainability. I have also worked in areas such as climate change, radioactive waste management policies, or the EU chemical and pesticides policies.

I am frequently invited to speak at international conferences and to participate in advisory boards, international juries and evaluation committees. I am currently Chair of Scientific Committee of the European Environment Agency. I regularly teach on sustainability issues (graduate to post-doc level) and on business sustainability (MBA and executive MBA students).

Present positions

- Director and Partner – MEDIAN SCP (Barcelona)
- Visiting Professor – Institute of Environmental Sciences and Technologies (ICTA) - Universitat Autònoma de Barcelona (UAB).

Other

- Chair of the Scientific Committee of the European Environment Agency (www.eea.europa.eu)
- Member of the Advisory Group for Challenge 5 (Climate Action, Environment, Resource Efficiency and Raw Materials) of Horizon 2020, the European Union Research and Innovation Programme
- Member of the Jury of the Volvo Environment Prize (www.environment-prize.com)
- Member of the Editorial Board of the Oxford Research Encyclopaedia: Environmental Science
- Member of the Board of Directors, IBA (Ion Beam Applications, SA)
- Co-Chair of the Scientific Advisory Panel for UNEP Global Environment Outlook (GEO6) Assessment www.unep.org/geo/
- Member of the Scientific Council of Institut du Développement Durable et des Relations Internationales (IDDRI), Paris (www.iddri.org)
- Member of the European Marine Board Working Group on Deep-Sea Research for Societal Challenges and Policy Needs (2014-15)
- Former Member of the Horizon 2020 Expert Group for a Foresight study at the Junction of Health, Environment and the Bio-economy (2014-15)

- Former Chair of the Scientific Advisory Council of the European Distributed Institute of Taxonomy (EDIT) network of excellence (www.e-taxonomy.eu) from 2006 to 2010.
- Former vice chair of the Steering Committee of the European Platform for Biodiversity Research Strategy (EPBRS www.epbrs.org) from 2003 to 2009
- Former member of the Board of the European Society for Ecological Economics (<http://www.euroecolecon.org/>) from 2003 to 2006

Education

1996-2000: PhD in Ecological Economics

Université de Versailles St. Quentin en Yvelines (France) Centre d'Economie et d'Ethique pour l'Environnement et le Développement (C3ED)

1993-1994: Masters degree in Environmental and Natural Resources Economics (DEA)

Université de Paris I Panthéon-Sorbonne (France)

1983-1987: B.A. in Physics (Particle physics)

Université Catholique de Louvain (Belgium)

Professional Experience

Research and Consulting

2001- ... **MEDIAN SCP (Spain):** Director and Partner

MEDIAN is a small company positioned at the intersection between scientific research and practical concerns of institutional, social and economic actors. It is based in Barcelona and provides research, teaching, and consulting services on environmental governance and policy, science-policy interfaces, environmental research strategies, participatory decision-making, corporate social and environmental responsibility, business ethics, decision-sciences and ethical decision-making.

Median was or is a partner in a series of research projects under the European Union 6th and 7th framework Programmes for Research: BioStrat, HERMES, Rubicode, HERMIONE, SCALES, SPIRAL and MIDAS. Median was also a partner in the EnGO TEMPUS project.

Median's clients include

(i) Public institutions: the European Commission DG Research and DG Environment; the EU Education, Audiovisual and Culture Executive Agency; the OECD Nuclear Energy Agency; United Nations Environment Programme UNEP-WCMC; Canada Foundation for Innovation; Fondation pour la Recherche sur la Biodiversité; Swedish Foundation for Strategic Environmental Research (MISTRA);

(ii) Business schools: INSEAD; Judge Business School; Neoma Business School; CEDEP; China Europe International Business School;

(iii) Research centres and universities: UFZ-Leipzig Environmental Research Centre; Potsdam Institute for Climate Impact Research; Pompeu Fabra University; Autonomous University of Barcelona; IES-Barcelona, IDEC Barcelona; Universidade Católica Portuguesa; Renmin University; Cambridge Programme for Sustainability Leadership; Sustainable Europe Research Institute; Central European University;

(iv) Think tanks: Institut du Développement Durable et des Relations Internationales (IDDRI); Senckenberg Gesellschaft für Naturforschung;

(v) Private companies: Global Perspective International; Areva; Mercer Delta Executive Learning Center; Oliver Wyman; Pelatis; Cowi A/S; Bank of America; Booz Allen Hamilton; Royal Bank of Scotland; Ion Beam Applications; Heineken; Tata Capital.

- 2003 - ... **Institut de Ciència i Tecnologia Ambientals (ICTA) - Universitat Autònoma de Barcelona (UAB):** Visiting Professor
- Jan-Mar 2001 **INSEAD (Fontainebleau, France)**
Visiting Research Fellow
- 1995 - 2000 **C3ED (Université de Versailles-St-Quentin-en Yvelines, France)**
Research Associate
- 1996 - 1999 **C3ED (Université de Versailles-St-Quentin-en Yvelines, France)**
PhD candidate and Marie Curie European Commission Research Fellow
- 1987-1988 **Institut de Physique Nucléaire (Université Catholique de Louvain, Belgium).**
Research Assistant

Teaching

- 2012-... **Executive MBA Programme – NEOMA Business School (Paris)**
Sustainability transformation and Corporate Social Responsibility
- 2005-... **Summer Schools:** AVEC and AlterNet Summer Schools on Biodiversity and Ecosystems (2005 to 2011); Central European University Summer Schools on Adaptation and Adaptive Governance of Ecosystems (2011, 2012, 2013); EnGo Summer Schools on Environmental Governance in Minsk, Krasnayarsk and Saint Petersburg (2012, 2013)
- 2004 **Full Time MBA Programme – University Pompeu Fabra (Barcelona)**
Business Ethical Dilemmas (with Marc Le Menestrel).
- 2003 - 2004 **IES Barcelona**
Business Ethics (Undergraduate course)
- 2003 **IDEC – Part time MBA program, University Pompeu Fabra (Barcelona)**
Corporate Social Responsibility (with Marc Le Menestrel).

Supervision of PhD students

- Gregor Meerganz von Medeazza – "An ecological economics reflection on freshwater scarcities: Desalination and technological equity". (ICTA, 2007)
- Thomas Koetz – "Institutional Dynamics of Science-Policy Interfaces in International Biodiversity Governance" (ICTA, 2011)
- Angela Benn -- "Human Activities in the Deep North Atlantic" (NOCS, 2011)
- Gisela Chebabi – "Effectiveness of integrated Vector Management Control Strategy for the Tiger Mosquito (*Aedes albopictus*): A case study in Sant Cugat del Vallès" (ICTA, 2013)

Evaluator/reviewer

- For the Swedish Foundation Mistra:** Member of the expert panel for the mid-term evaluation of the Stockholm Resilience Centre (2013).
- For the Canadian Foundation for Innovation:** Member of the expert committee evaluating Ocean Network Canada (2011; 2014).
- For DG Research of the European Commission:** Evaluation of research proposals and projects in the environment programmes of FP5, FP6 and FP7. Review of Draft Work Programme Scientific Support to Policies of FP6. Review of FP5 Biodiversity Research Projects to Assess Current and Potential Policy Impact. Policy impact assessment of an Art.169 proposal. (2000 to present).
- For the French Région Rhône-Alpes:** Evaluation of research proposals on Regional Sustainable Development (2001).

Business

- 1988-1992 **Ion Beam Application s.a. (Belgium)**
Vice President Marketing and Sales
 Member of IBA management team. Management of the marketing and sales team. Contribution to market development and sales of industrial radioisotope production cyclotrons (Cyclone 30), market launch and sales of smaller radioisotope production cyclotrons (Cyclone 10/5, 18/9 and 3D), market launch and initial sales negotiation for protontherapy cyclotron (Cyclone 230), negotiations of licence for electron accelerator Rhodotron.
- 2015-... **Ion Beam Application s.a. (Belgium)**
Member of the Board of Directors

Languages

French (native speaker) - English (excellent) - Spanish (good) - Catalan (basic)

Publications**In Academic Journals**

- Young, J., Waylen, K., Sarkki, S., Albon, S., Bainbridge, I., Balian, E., Davidson, J., Edwards, D., Fairley, R., Margerison, C., McCracken, D., Owen, R., Quine, C.P., Steward-Roper, C., Thompson, D., Tinch, R., van den Hove, S., Watt, A. (2014) Improving the science-policy dialogue to meet the challenges of biodiversity conservation: having conversations rather than talking at one-another. *Biodiversity and Conservation*, (2014) 23:387–404.
- Sarkki, S., Niemelä, J., Tinch, R., van den Hove, S., Watt, A.D., Young, J.C. (2014). Balancing credibility, relevance and legitimacy: A critical assessment of trade-offs in science–policy interfaces. *Science & Public Policy* 41 (2): 194-206.
- Neßhöver, C.; Timaeus, J.; Wittmer, H.; Krieg, A.; Geamana, N.; van den Hove, S.; Young, J.; Watt, A. (2013) Improving the Science-Policy Interface of Biodiversity Research Projects. *GAIA - Ecological Perspectives for Science and Society*, 22(2), 99-103.
- Armstrong, C. W., Foley, N., Tinch, R., van den Hove, S. (2012) Services from the Deep: Steps towards valuation of deep sea goods and services, *Ecosystem Services* 2, pp.2–13.
- Paloniemi R, Apostolopoulou E, Primmer E, Grodzinska-Jurczak M, Henle K, Ring I, Kettunen M, Tzanopoulos J, Potts SG, van den Hove S, Marty P, McConville A, Simila J (2012) Biodiversity conservation across scales: lessons from a science–policy dialogue. *Nature Conservation* 2: 7–19. doi: 10.3897/natureconservation.2.3144
- van den Hove, S., McGlade, J., Mottet, P., Depledge, M.H. (2012) The Innovation Union: A perfect means to confused ends? *Environmental Science and Policy*, 12:1, 73-80.
- Haberl, H., Sprinz, D., Bonazountas, M., Cocco, P., Desaubies, Y., Henze, M., Hertel, O., Johnson, R.K., Kastrup, U., Laconte, P., Lange, E., Novak, P., Paavola, J., Reenberg, A., van den Hove, S., Vermeire, T., Wadhams, P., Searchinger, T., (2012) Correcting a fundamental error in greenhouse gas accounting related to bioenergy. *Energy Policy*, 45(1): 18-23. (doi:10.1016/j.enpol.2012.02.051).
- Diedrich, A., Upham, P., Levidov, L., van den Hove, S. (2011) Framing environmental sustainability challenges for research and innovation in European policy agendas, *Environmental Science and Policy*, 14:8, 965-939.
- Hulme, M., Mahony, M., Beck, S., Görg, C., Hansjürgens, B., Hauck, J. Nesshöver, C., Paulsch, A., Vandewalle, M., Wittmer, H., Bösch, S., Bridgewater, P., Diaw, M.C., Fabre, P., Figueroa, A., Heong, K.L., Korn, H., Leemans, R., Löwbrand, E., Hamid, M.N., Monfreda, C., Pielke Jr., R., Settele, J., Winter, M., Vadrot, A.B., van den Hove, S., van der Sluijs, J.P. (2011) Science-policy interface: beyond assessments, *Science*, 333(6043):697-8.
- van den Hove, S., McGlade, J., Depledge, M.H. (2011) EU innovation must benefit society. *Nature* 474, 161.
- Benn AR, Weaver PP, Billet DSM, van den Hove S, Murdock AP, et al. (2010) Human Activities on the Deep Seafloor in the North East Atlantic: An Assessment of Spatial Extent. *PLoS ONE* 5(9): e12730. doi:10.1371/journal.pone.0012730
- Henle, K., Kunin, W., Schweiger, O., Schmeller, D.S., Grobclik, V., Matisnow, Y., Pantis, J., Penev, L., Potts, S.G., Ring, I., Simila, J., Tzanopoulos, J., van den Hove, S., Baguette, M., Clobert, J., Excoffier, L., Framstad, E., Grodzinska-Jurczak, M., Lengyel, S., Marty, P., Moilanene, A., Porcher, E., Storch, D., Steffan-Dewenter, I., Sykes, M.T., Zobel, M. & J. Settele (2010): Securing the conservation of biodiversity across administrative levels and spatial, temporal, and ecological scales. *GAIA* 19(3): 187-193.
- Luck, G.W., Harrington, R., Harrison, P., Kremen, C., Berry, P.M., Bugter, R., Dawson, T.P. de Bello, F., Díaz, S., Feld, C.K., Haslett, J.R., Hering, D., Kontogianni, A., Lavorel, S., Rounsevell, M., Samways, M.J., Sandin, L. Josef Settele, J., Sykes, M.T., van den Hove, S., Vandewalle, M. and Zobel, M. (2009). 'Quantifying the Contribution of Organisms to the Provision of Ecosystem Services', *BioSciences*, 59(3), 223-235.

- Weaver, P., Boetjusz, A., Danovaro, R., Freiwald, A., Gunn, V., Heussner, S., Morato, T., Schewe, I., van den hove, S. (2009) 'The Future of Integrated Deep-Sea Research in Europe: the HERMIONE Project', *Oceanography*, (22)1, 178-191.
- Grehan, A., van den Hove, S., Armstrong, C.W., Long, R., van Rensburg, T., Gunn, V., Mikkelsen, E., De Mol, B., Hain, S. (2009) 'HERMES: Promoting an Ecosystem Approach to the Sustainable Use and Governance of Deep-Water Resources', *Oceanography*, (22)1, 154-165.
- Armstrong, C., Grehan, A., Kahui, V., Mikkelsen, E., Reithe, S., van den Hove, S. (2009) 'Bioeconomic modeling and the management of cold water coral resources', *Oceanography*, (22)1, 86-91.
- Rauschmayer, F., van den Hove, S., Koetz, T. (2008) 'Participation in EU biodiversity governance: How far beyond rhetoric?', *Environment and Planning C*, 27(1), 42-58.
- Koetz, T., Bridgewater, P., van den Hove, S., Siebenhühner, B. (2008) 'The role of the Subsidiary Body on Scientific Technical and Technological Advice to the Convention on Biological Diversity as science-policy interface', *Environmental Science & Policy*, 11(6), 505-516.
- Armstrong, C. & van den Hove S. (2008) 'The formation of policy for protection of cold-water coral off the coast of Norway', *Marine Policy*, 32(1): 66-73.
- van den Hove S. (2007) 'A Rationale for Science-Policy Interfaces', *Futures*, 39(7): 807-826.
- van den Hove, S. (2006) 'Between consensus and compromise: acknowledging the negotiation dimension in participatory approaches', *Land Use Policy*, 23:1, Pages 10-17.
- Le Menestrel, M., van den Hove, S. & de Bettignies, H.-C. (2002). 'Processes and Consequences in Business Ethical Dilemmas: The Oil Industry and Climate Change', *Journal of Business Ethics*, 41: 251-266.
- van den Hove, S., Le Menestrel, M. & de Bettignies, H.-C. (2002). 'The oil industry and climate change: strategies and ethical dilemma', *Climate Policy*, Vol.2/1 pp. 3-19.
- O'Connor, M. & van den Hove, S., (2001) Prospects for Public Participation on Nuclear Risks and Policy Options. Innovations in Governance Practices for Sustainable Development in the European Union, *Journal of Hazardous Materials*, Special issue on "Risks and Governance", B. De Marchi (ed.), Vol. 86/1-3.
- van den Hove, S. (2000) Participatory Approaches to Environmental Policy-Making: the European Commission Climate Policy Process as a case study, *Ecological Economics*, 33, pp. 457-472.
- van den Hove S. (Ed.) (1998). Special Issue on "EU Climate Policy: Policy/Research interface for Kyoto and Beyond", *International Journal of Environment and Pollution*, Vol. 10, Nos. 3/4.
- van den Hove, S. & O'Connor, M. (1997) "Social Perceptions of Environmental Issues: A case study looking at people's representations of environmental issues", *International Journal of Environment and Pollution*, Vol. 7, No. 4 (Special Issue), 560-578.
- van den Hove, S. (1995) "Thermodynamique des systèmes loin de l'équilibre et économie de l'environnement", *Revue Internationale de Systémique*, vol. 8 n°4.

Books & Book chapters

- Tinch, R., Schoumacker, C., van den Hove, S. (2015 in press) Exploring barriers to integration of biodiversity concerns across EU policy, in A. Gasparatos & K.J. Willis (eds) *Biodiversity and the Green Economy*, Routledge Studies in Ecological Economics, Routledge, London.
- McGlade, J. and van den Hove, S. (2013) Ecosystems and managing the dynamics of change, in: EEA, *Late Lessons from Early Warnings: Science, Precaution, Innovation*. EEA Report N°1/13.
- Van Dover, C.L., Arnaud-Haond, S., Clark, M.R., Smith, S., Thaler, A., van den Hove, S. (forthcoming) Application of Biological Studies to Deep-Sea Governance and Management of Deep-Sea Resources. In: *Biological Sampling in the Deep Sea* (Eds. M. Clarke, M. Consalvey), Wiley-Blackwell, Oxford.
- Farrell, K. van den Hove, S., Luzzati, T. (Editors) (2013) *Beyond Reductionism: A passion for interdisciplinarity*. Routledge Studies in Ecological Economics, Routledge, London.
- van den Hove S. & Sharman, M. (2006) "Interfaces between Science and Policy for Environmental Governance: Lessons and open questions from the European Platform for Biodiversity Research Strategy", in: A. Guimaraes Pereira, S. Guedes Vaz, S. Tognetti (Eds.) *Interfaces between Science and Society*, Greenleaf: Sheffield.
- van den Hove, S. (2001), Approches participatives pour la gouvernance en matière de développement durable : Une analyse en termes d'effets, in: Froger G. (ed.), *Gouvernance et Développement Durable*, Helbing & Lichtenhahn.
- Faucheux, S., O'Connor, M., & van den Hove, S. (1998). Towards a sustainable national income?. In: Faucheux, S., O'Connor, M. (Eds.) *Valuation for Sustainable Development: Methods and Policy Indicators*, Edward Elgar, Cheltenham, 261-280.

Reports, Proceedings, Case studies

- EEA (2013). *Late Lessons from Early Warnings: Science, Precaution, Innovation*. EEA Report N°1/13 (member of editorial team).
- European Marine Board (2013). Navigating the Future IV, Position Paper 20. European Marine Board, Ostend, Belgium. ISBN: 9789082093100 (contributing author).
- Tinch, R., van den Hove, S., Armstrong, C. (2011) Policy demands for value evidence on deep sea environments. HERMIONE report, available at: www.eu-hermione.net

- van den Hove, S. (2010) Science-Policy Interfaces: a Crucial Component of the Ecosystem Approach, Bulletin of the British Ecological Society, 41:1, 15-16.
- Armstrong, C., Foley, N., Tinch, R., van den Hove, S. (2010) Ecosystem Goods and Services of the Deep Sea. HERMIONE report, available at: www.eu-hermione.net
- van den hove, S., Chabason, L. (2009) The Debate on an Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES): Exploring gaps and needs. *Idées pour le débat* N° 01/2009, Iddri, Paris, on-line at: www.iddri.org.
- van den Hove, S. and Moreau, V. (2007) Deep-Sea Biodiversity and Ecosystems: A scoping report on their socio-economy, management and governance. UNEP-Regional Seas Programme/UNEP-WCMC, December 2007, DEP/1021/CA, www.unep.org/regionalseas/Publications/Reports/Series_Reports/Reports_and_Studies/default.asp.
- van den Hove, S. (2007) Science-Policy Interface for the Deep Sea: the case of the HERMES project, Proceedings of the Conference: "Marine Nature Conservation in Europe 2006", Stralsund, 8-12 May 2006.
- van den Hove, S. (2006) Stocktaking from the thematic session, in: NEA (ed.) *Proceedings of the Topical Session of the 6th Meeting of the RWM Forum on Stakeholder Confidence on 'The link between RD&D and Stakeholder Confidence'*, Report NEA/RWM/FSC(2006)4, OECD, Paris.
- van den Hove, S. (2006), "Roles and responsibilities of Authorities, Science and Industry: Clarity and coherence", in: NEA (ed.), *Proceedings of the Workshop "Disposal of radioactive waste: Forming of a new approach in Germany"*, Hitzacker and Hamburg, 5th-8th October, 2004, OECD, Paris, (online at: www.nea.fr/html/rwm/fsc.html).
- Young, J., Baldi, A., Benedetti-Cecchi, L., Bergamini, A., Hiscock, K., van den Hove, S., Koetz, T., van Ierland, E., Lanyi, A., Patak, G., Scheidegger, C., Török, K. and Watt, A. (2005). *Landscape scale biodiversity assessment: the problem of scaling*. Report of an electronic conference. Varcratot, Hungary, Institute of Ecology and Botany of the Hungarian Academy of Sciences, 140pp.
- van den Hove, S. (2004) *Review of FP5 Biodiversity Research Projects to Assess Current and Potential Policy Impact*. Final Report to the European Commission Research Directorate General, Unit DI-4 'Biodiversity and Ecosystems', June 2004.
- Nic Dhonncha, E., Sharman, M. Sousa Pinto, I., Tack, J., Tinch, R., van den Hove, S. and Watt, A. (2004) *Review of "Research, identification, monitoring and exchange of information" in the European Biodiversity Strategy*. EPBRs, Killarney 21-24 May 2004, (online at: http://www.epbrs.org/epbrs_library.html).
- van den Hove, S. (2003) 'Approches institutionnelles de la responsabilité sociale des entreprises' in : *Développement durable : quelles dynamiques ?*, Cahiers du Gemdev 29, Gemdev, Paris.
- van den Hove, S. (2003) Participatory Approaches for Environmental Governance: Theoretical Justifications and Practical Effects, in: NEA (ed.) *Stakeholder Involvement Tools: Criteria for choice and Evaluation*, Report NEA/RWM/FSC(2003)10, OECD, Paris, (online at: www.nea.fr/html/rwm/fsc.html).
- van den Hove, S., Le Menestrel, M. & de Bettignies, H.-C. (2001). 'Should Business Influence the Science and Politics of Global Environmental Change? The Oil Industry and Climate Change'. INSEAD Case Study N° 4957, European Case Studies Clearing House.
- van den Hove, S. (2000) *Approches participatives pour les Problèmes d'Environnement. Caractérisations, justifications, et illustrations par le cas du changement climatique*, thèse de doctorat, C3ED - Université de Versailles Saint-Quentin-en-Yvelines. (*Participatory Approaches to Environmental Issues: Characterisations, Justifications, and Implementation in the Case of Climate Change*, PhD dissertation).
- O'Connor, M., Faucheux, S., van den Hove, S., (1998). EU Climate Policy: Research Support for Kyoto and Beyond. Policy - Research Interface Workshops Series. EC-DGXII, Office for Official Publications of the European Communities, Luxembourg.
- O'Connor, M., Faucheux, S., van den Hove, S., (1998). Stakeholders' Perspectives on Climate Change Policies. Workshop Report. EC-DGXII, Office for Official Publications of the European Communities Luxembourg.